

FOAM GUARD 300 – HIGH-CONCENTRATION FOAMING CHLORINATED ALKALINE CLEANER

FOAM GUARD 300 is a high-concentration chlorinated alkaline cleaner developed for food and dairy production environments requiring strong hygiene and rapid soil removal. It is designed to dissolve blood, fat, protein, and organic contamination effectively, even in cold processing conditions. Its foaming structure allows the product to adhere well to surfaces, increasing contact time and improving cleaning efficiency on vertical and hard-to-reach areas. The formulation is suitable for heavily contaminated production zones where fast, visible, and powerful cleaning is required.

Intended Use

The product is intended for industrial cleaning of alkaline-resistant surfaces and equipment in food, dairy, and related processing facilities. It is designed for the removal of protein soils, fat residues, blood contamination, and other organic deposits in hygienically critical areas. It is suitable for use in both manual and semi-automated cleaning procedures where foam-based alkaline chlorinated cleaning is required.

Application Areas

The product may be used in food and dairy production facilities, egg processing lines, slaughterhouses, cold rooms, cutting plants, CIP systems, filling machines, alkaline-resistant floors, and processing equipment. It is suitable for cold process areas and other heavily contaminated hygiene zones requiring strong foam-based cleaning performance.

Product Advantages

The product provides superior cleaning through its high active chlorine content combined with controlled alkaline cleaning power. It effectively removes protein and fat contamination even in cold areas, helping maintain hygiene in demanding process environments. Its dense foam structure supports strong adhesion to surfaces and extends contact time for improved performance. The formula is free-rinsing and fast-drying, helping reduce downtime after cleaning. It is compatible with both CIP and manual systems, and its single-component structure eliminates the need for additional supporting chemicals during standard application.

Directions for Use

Apply the product using a foam gun, brush, spray system, or immersion method. Recommended concentration

FOR MORE INFORMATION, PLEASE CONSULT THE MATERIAL SAFETY DATA SHEET



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is **1:40 to 1:60** depending on the level of contamination and application method. Recommended application temperature is **30 °C to 55 °C**. Allow a contact time of **5 to 15 minutes**. Do not allow the foam to dry on the surface. After application, rinse thoroughly with potable water. Always follow internal hygiene and cleaning procedures before use.

Physical and Chemical Properties

Form: Liquid

Application Form: Dense foam

Odor: Characteristic chlorine odor

Chemical Character: Chlorinated alkaline cleaner

Application Concentration: 1:40 – 1:60

Recommended Application Temperature: 30 °C – 55 °C

Recommended Contact Time: 5 – 15 minutes

Rinsing: Rinse with potable water

Water Hardness Compatibility: Stable in low to medium hard water

Packing

Available in a range of packaging options from 500 ml up to 20 L, depending on customer preference, product type, and filling requirements. Custom packaging, private label, private label manufacturing, and contract filling options are available upon request for wholesale, industrial, and professional distribution needs.

Storage Conditions

Store in the original, tightly closed container in a cool, dry, and well-ventilated place. Recommended storage temperature is 5–30°C. Protect from direct sunlight, frost, and excessive heat. Keep the container securely closed when not in use.

Safety Information

This product is intended for professional use only. Due to its chlorinated alkaline structure, avoid contact with skin, eyes, and clothing. Use suitable protective gloves, eye protection, and appropriate workwear during

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handling and application. Do not mix with acids or incompatible cleaning chemicals. Do not allow the foam to dry on treated surfaces. After application, rinse all surfaces thoroughly with potable water. Keep out of reach of unauthorized persons and children. Refer to the Safety Data Sheet (SDS) for detailed information on hazards, first aid, handling, storage, and disposal.

General Information

The information provided in this Technical Data Sheet is based on current knowledge and practical experience. It is intended as a general guideline for product application, handling, and storage, and does not constitute a guarantee of performance under all conditions of use.

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